

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070121\
 Data File : BF124511.D
 Acq On : 1 Jul 2021 14:54
 Operator : JU/CG
 Sample : M2875-10DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14DL

Quant Time: Jul 01 15:24:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 01 14:15:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

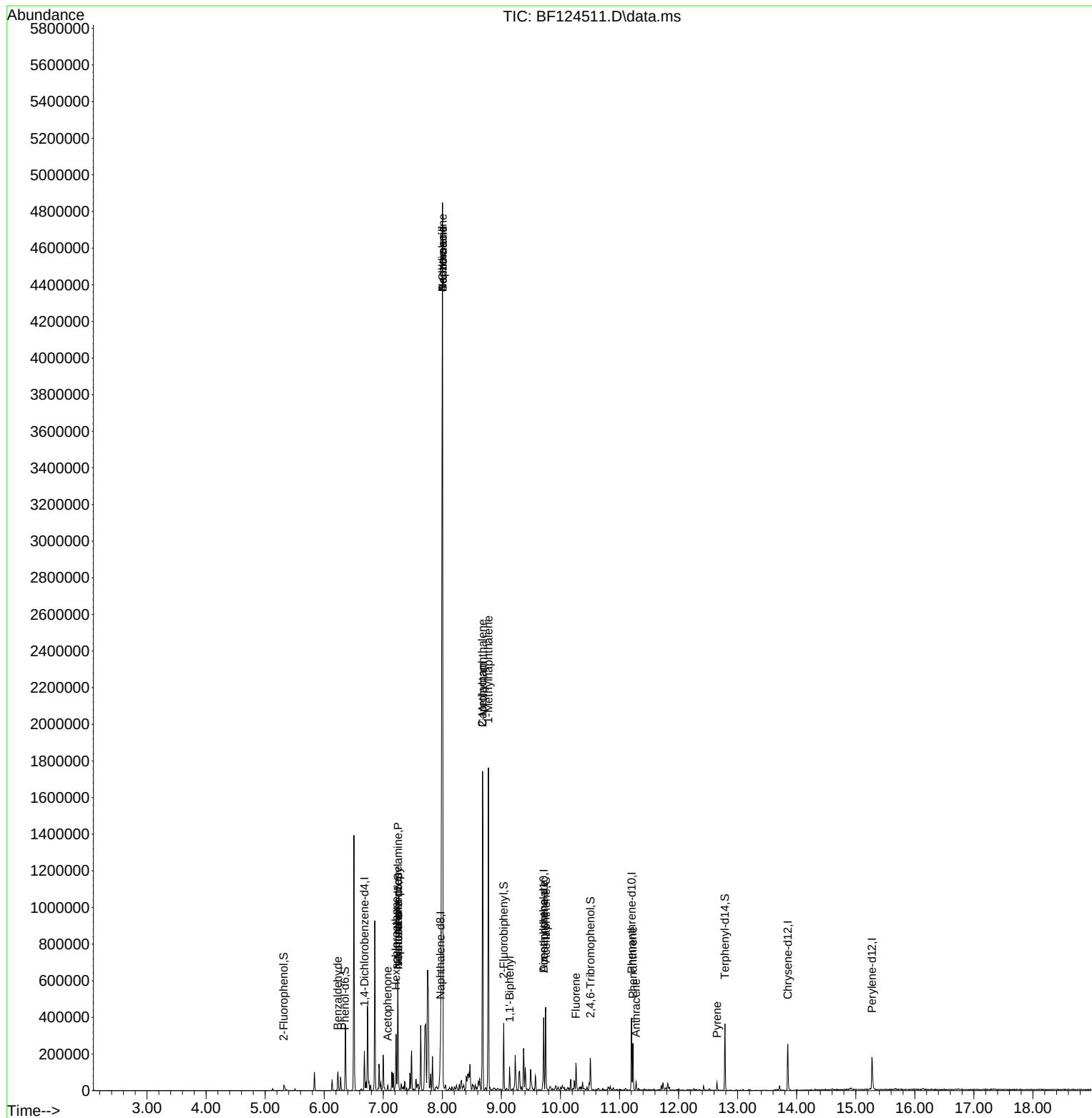
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.681	152	29088	20.000	ng	0.00
21) Naphthalene-d8	7.969	136	113301	20.000	ng	# 0.00
39) Acenaphthene-d10	9.716	164	67231	20.000	ng	0.00
64) Phenanthrene-d10	11.204	188	123605	20.000	ng	0.00
76) Chrysene-d12	13.851	240	84522	20.000	ng	0.00
86) Perylene-d12	15.274	264	75595	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.316	112	13629	7.369	ng	0.01
7) Phenol-d6	6.351	99	12200	5.052	ng	0.01
23) Nitrobenzene-d5	7.251	82	39999	14.638	ng	0.00
42) 2,4,6-Tribromophenol	10.510	330	18971	23.618	ng	0.00
45) 2-Fluorobiphenyl	9.039	172	88457	16.117	ng	0.00
79) Terphenyl-d14	12.786	244	108486	19.224	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.228	77	5234	4.656	ng	# 1
18) Hexachloroethane	7.216	117	17226	18.677	ng	# 1
19) n-Nitroso-di-n-propyla...	7.251	70	6114	3.765	ng	# 64
22) Acetophenone	7.075	105	11532	3.656	ng	# 49
24) Nitrobenzene	7.245	77	7357	2.695	ng	# 1
25) Isophorone	7.251	82	39999	8.514	ng	# 69
31) Naphthalene	8.004	128	2768639	415.345	ng	97
32) Benzoic acid	8.004	122	7362	13.246	ng	# 1
33) 4-Chloroaniline	8.004	127	413485	165.152	ng	# 32
35) Caprolactam	8.681	113	11612	21.091	ng	# 1
37) 2-Methylnaphthalene	8.681	142	434908	92.198	ng	100
38) 1-Methylnaphthalene	8.781	142	401840	91.588	ng	93
46) 1,1'-Biphenyl	9.139	154	33190	5.808	ng	97
50) Dimethylphthalate	9.716	163	12336	2.327	ng	# 1
52) Acenaphthene	9.751	154	91971	21.438	ng	97
58) Fluorene	10.263	166	33798	6.433	ng	84
71) Phenanthrene	11.227	178	85497	10.973	ng	98
72) Anthracene	11.280	178	19784	2.548	ng	97
78) Pyrene	12.651	202	17670	2.290	ng	# 92

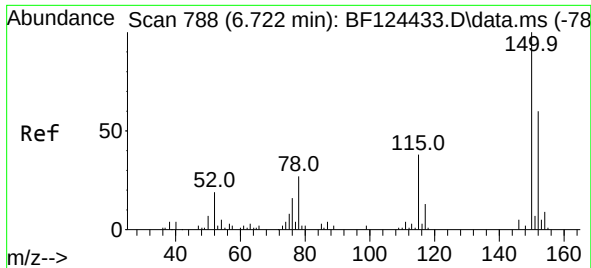
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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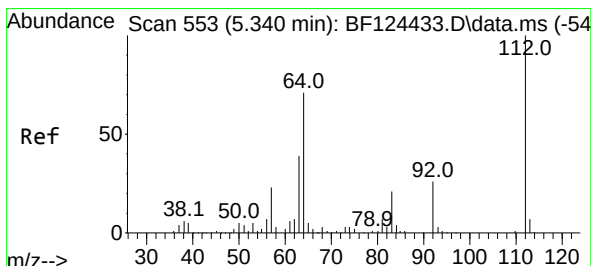
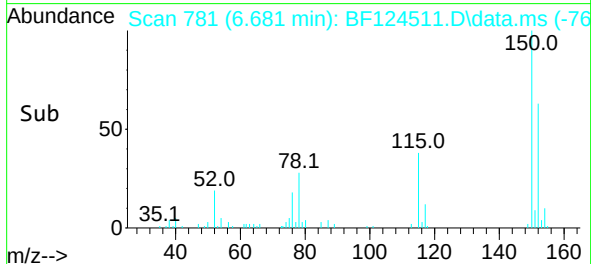
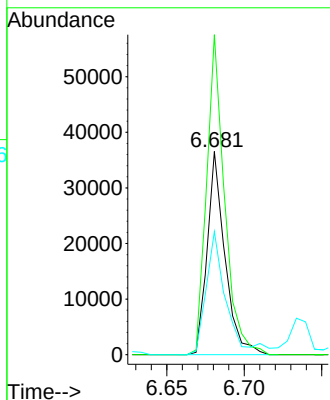
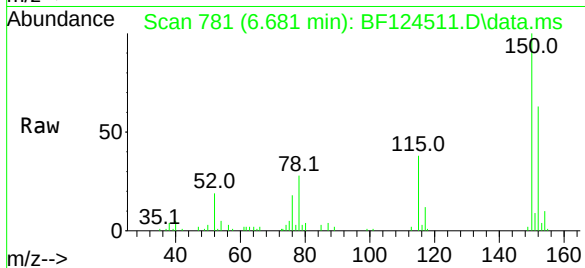




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF124511.D
Acq: 1 Jul 2021 14:54

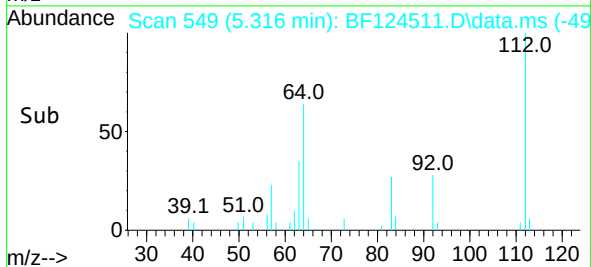
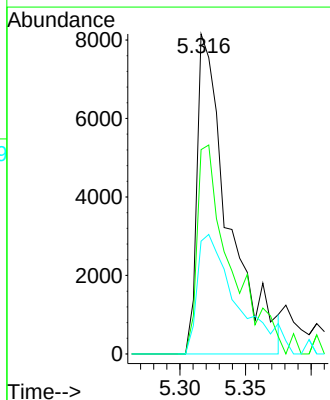
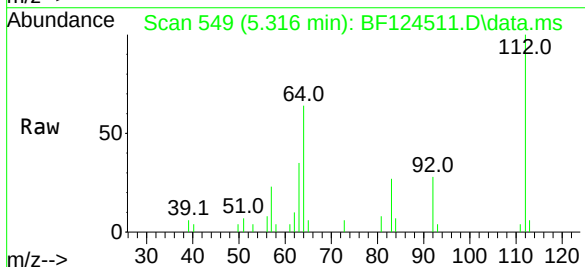
Instrument :
BNA_F
ClientSampleId :
MW-14DL

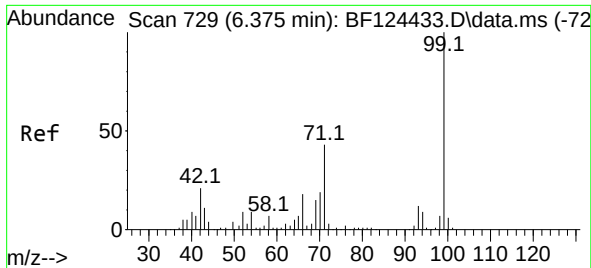
Tgt Ion:152 Resp: 29088
Ion Ratio Lower Upper
152 100
150 157.5 127.0 190.6
115 60.5 54.3 81.5



#5
2-Fluorophenol
Concen: 7.369 ng
RT: 5.316 min Scan# 549
Delta R.T. 0.012 min
Lab File: BF124511.D
Acq: 1 Jul 2021 14:54

Tgt Ion:112 Resp: 13629
Ion Ratio Lower Upper
112 100
64 63.9 61.4 92.0
63 35.2 33.0 49.4

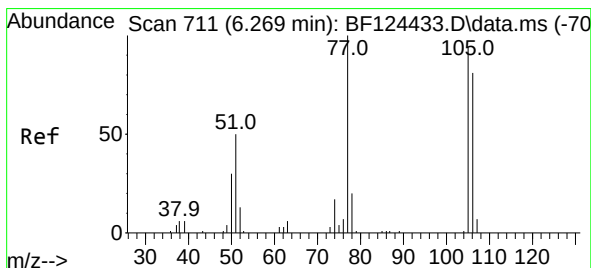
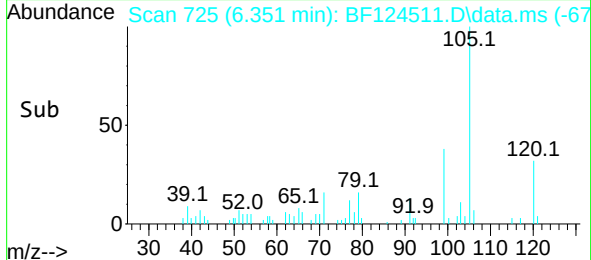
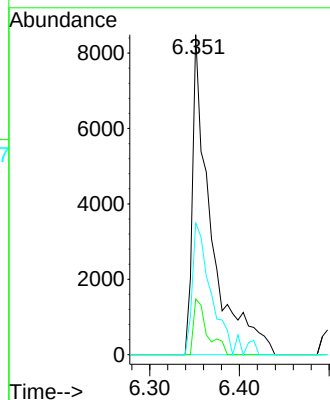
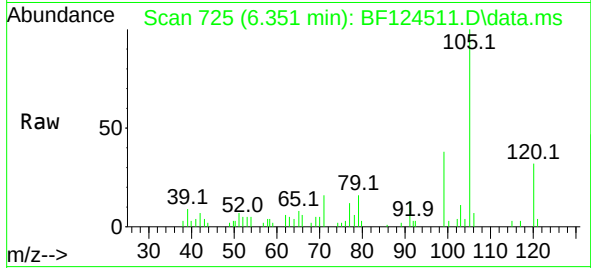




#7
Phenol-d6
Concen: 5.052 ng
RT: 6.351 min Scan# 725
Delta R.T. 0.012 min
Lab File: BF124511.D
Acq: 1 Jul 2021 14:54

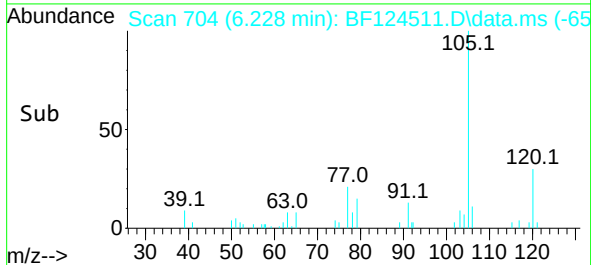
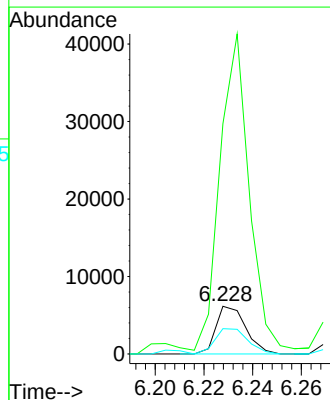
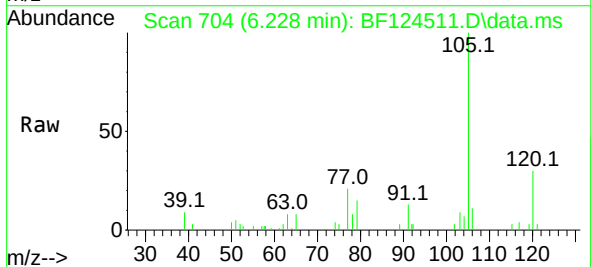
Instrument :
BNA_F
ClientSampleId :
MW-14DL

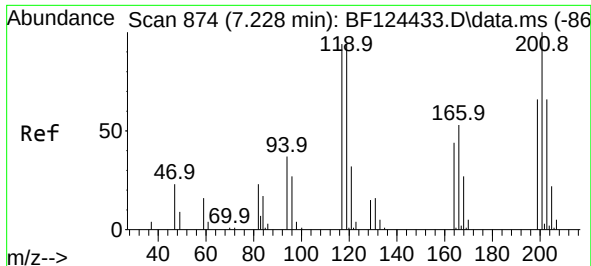
Tgt Ion: 99 Resp: 12200
Ion Ratio Lower Upper
99 100
42 17.4 19.8 29.8#
71 41.2 31.1 46.7



#9
Benzaldehyde
Concen: 4.656 ng
RT: 6.228 min Scan# 704
Delta R.T. -0.012 min
Lab File: BF124511.D
Acq: 1 Jul 2021 14:54

Tgt Ion: 77 Resp: 5234
Ion Ratio Lower Upper
77 100
105 482.2 75.2 115.2#
106 53.1 71.6 111.6#

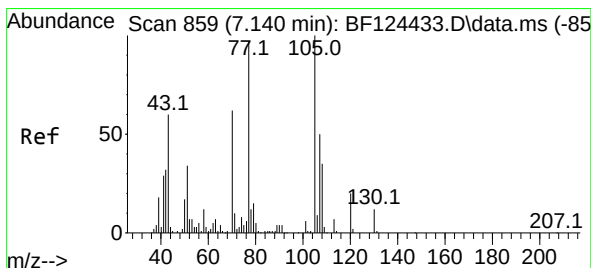
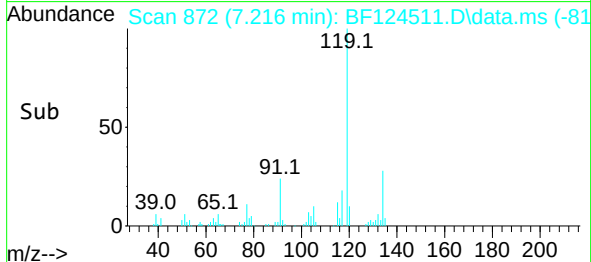
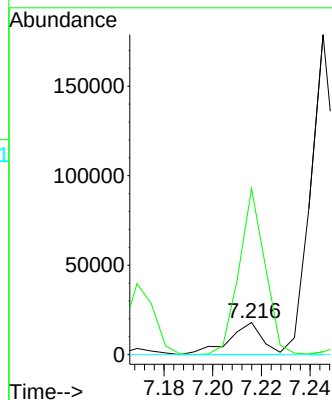
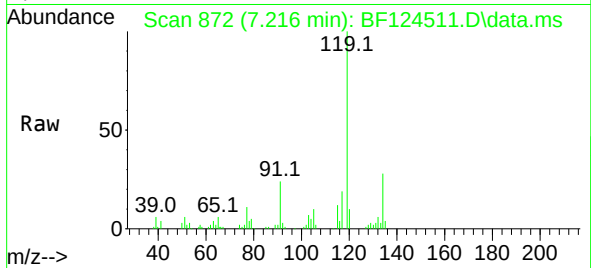




#18
Hexachloroethane
Concen: 18.677 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.029 min
Lab File: BF124511.D
Acq: 1 Jul 2021 14:54

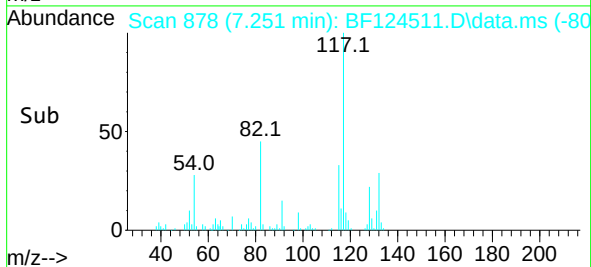
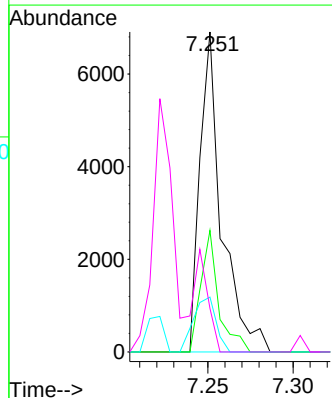
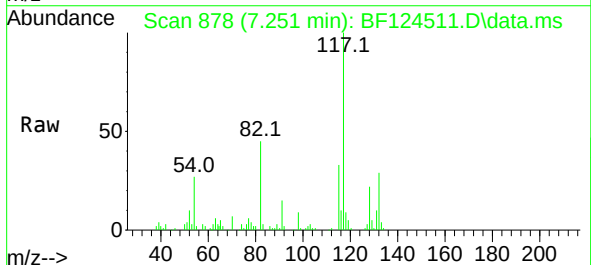
Instrument :
BNA_F
ClientSampled :
MW-14DL

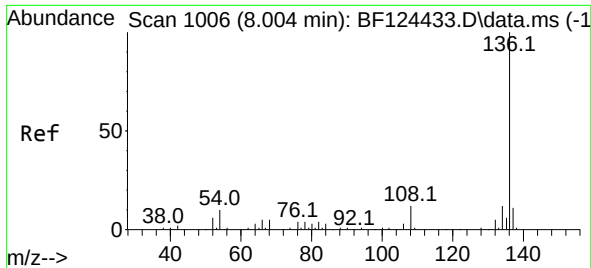
Tgt Ion:117 Resp: 17226
Ion Ratio Lower Upper
117 100
119 516.2 77.8 116.8#
201 0.0 67.8 101.8#



#19
n-Nitroso-di-n-propylamine
Concen: 3.765 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.147 min
Lab File: BF124511.D
Acq: 1 Jul 2021 14:54

Tgt Ion: 70 Resp: 6114
Ion Ratio Lower Upper
70 100
42 38.0 60.1 90.1#
101 17.2 7.4 11.2#
130 13.6 14.2 21.2#

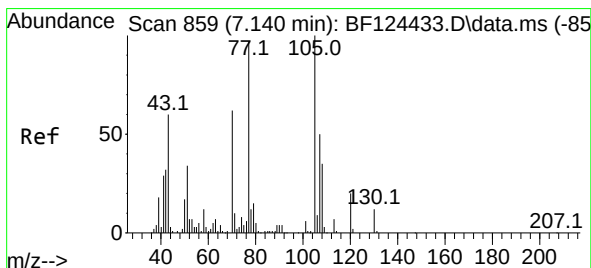
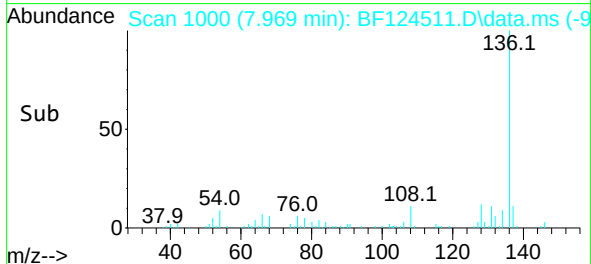
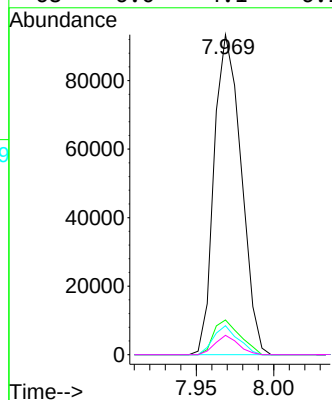
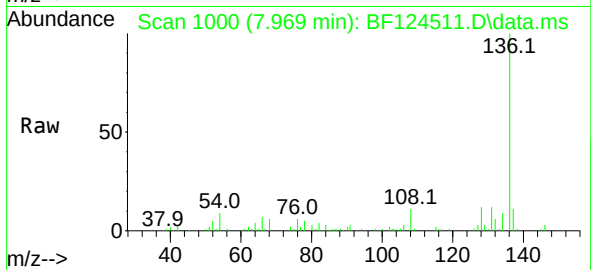




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.969 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BF124511.D
Acq: 1 Jul 2021 14:54

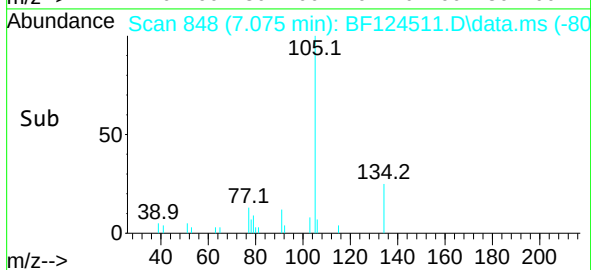
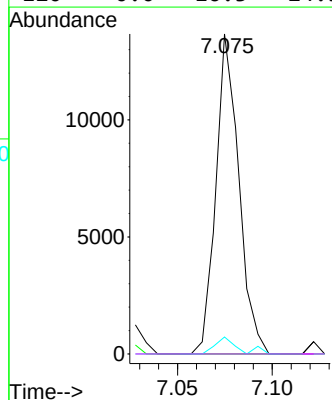
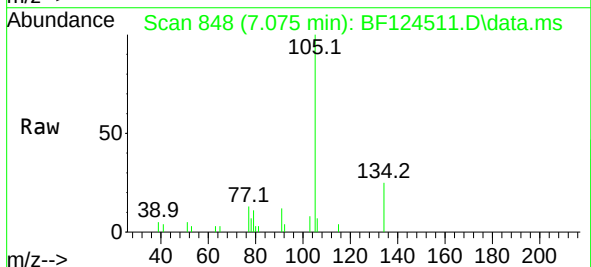
Instrument :
BNA_F
ClientSampleId :
MW-14DL

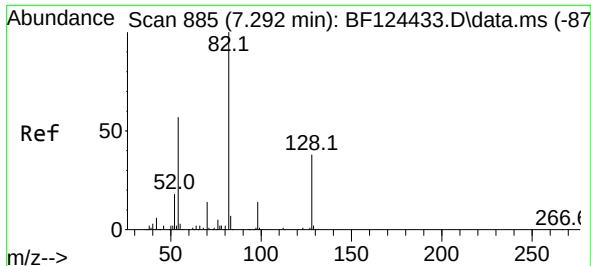
Tgt Ion:136 Resp: 113301
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.0 9.8 14.6#
68 6.0 4.1 6.1



#22
Acetophenone
Concen: 3.656 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.029 min
Lab File: BF124511.D
Acq: 1 Jul 2021 14:54

Tgt Ion:105 Resp: 11532
Ion Ratio Lower Upper
105 100
71 0.0 4.2 6.4#
51 5.3 33.6 50.4#
120 0.0 16.3 24.5#

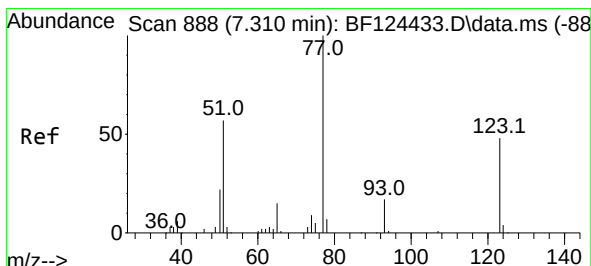
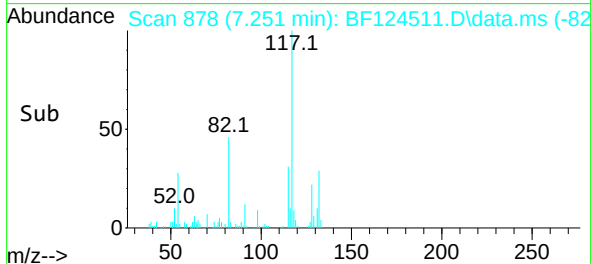
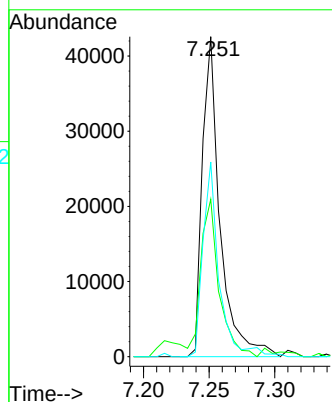
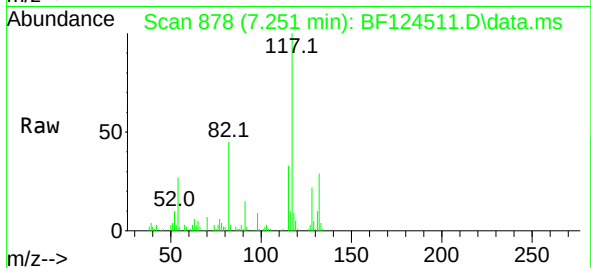




#23
Nitrobenzene-d5
Concen: 14.638 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF124511.D
Acq: 1 Jul 2021 14:54

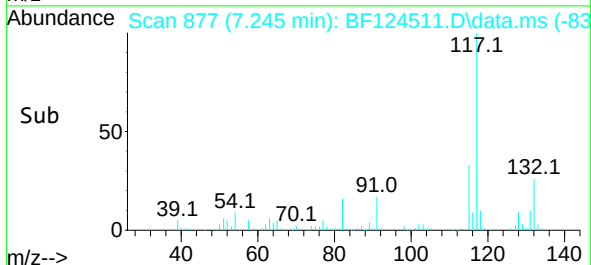
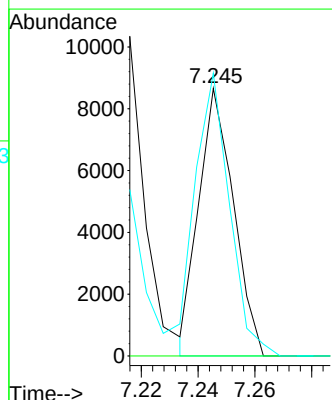
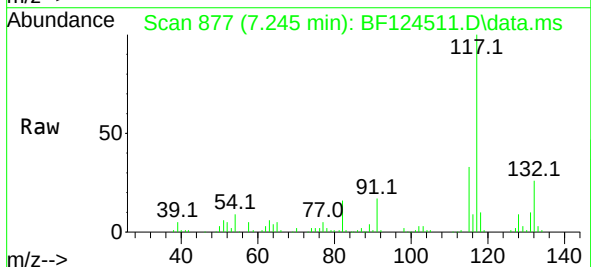
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ClientSampleId :
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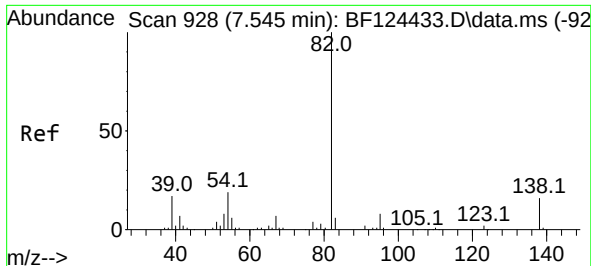
Tgt Ion: 82 Resp: 39999
Ion Ratio Lower Upper
82 100
128 49.2 29.4 44.2#
54 60.8 54.1 81.1



#24
Nitrobenzene
Concen: 2.695 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.029 min
Lab File: BF124511.D
Acq: 1 Jul 2021 14:54

Tgt Ion: 77 Resp: 7357
Ion Ratio Lower Upper
77 100
123 0.0 34.5 51.7#
65 105.7 12.2 18.2#

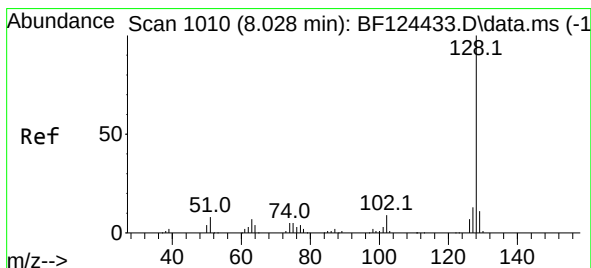
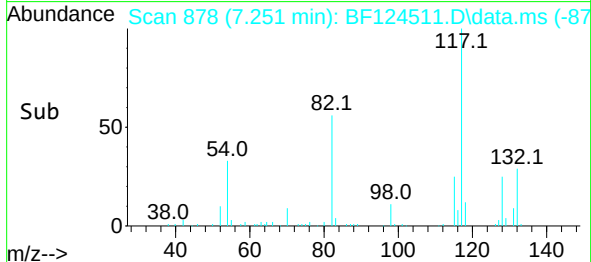
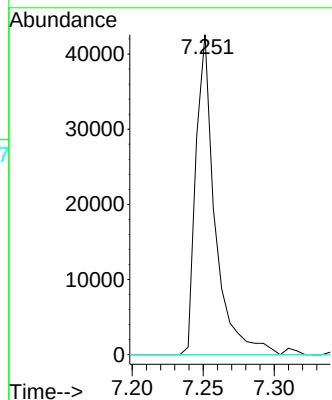
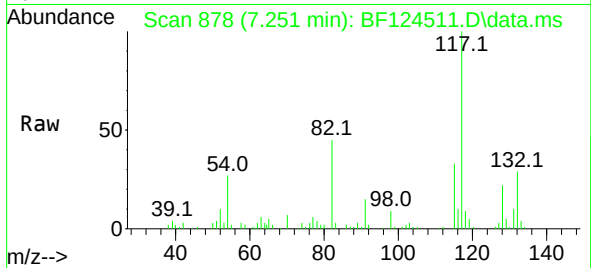




#25
Isophorone
Concen: 8.514 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.265 min
Lab File: BF124511.D
Acq: 1 Jul 2021 14:54

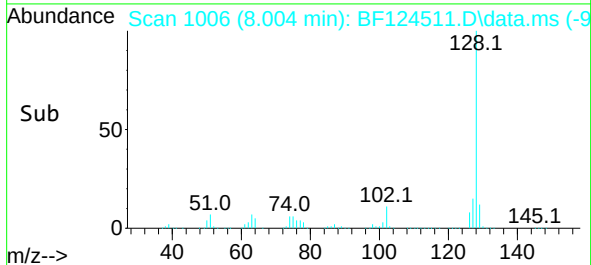
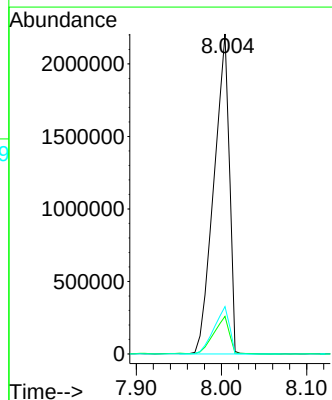
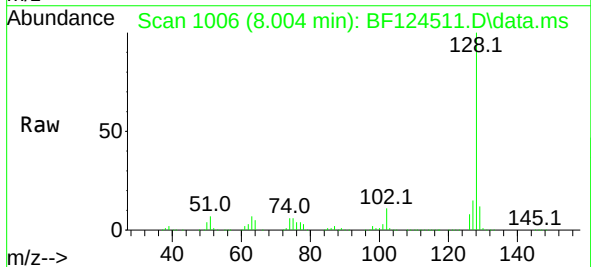
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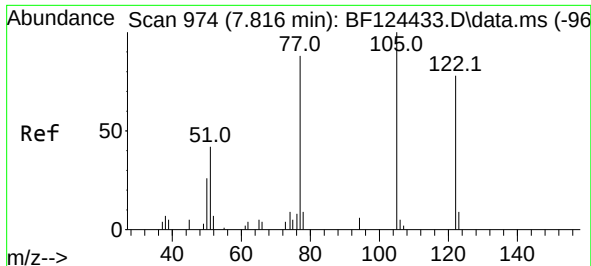
Tgt Ion: 82 Resp: 39999
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#31
Naphthalene
Concen: 415.345 ng
RT: 8.004 min Scan# 1006
Delta R.T. 0.018 min
Lab File: BF124511.D
Acq: 1 Jul 2021 14:54

Tgt Ion: 128 Resp: 2768639
Ion Ratio Lower Upper
128 100
129 11.8 8.9 13.3
127 14.8 10.8 16.2

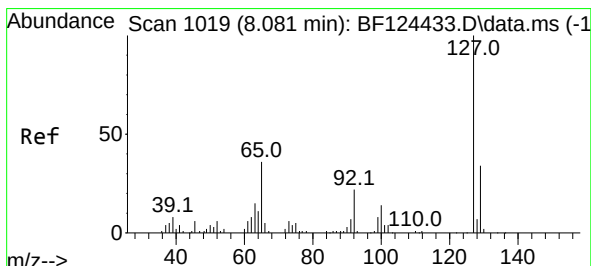
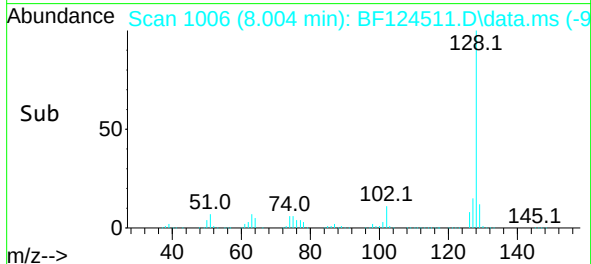
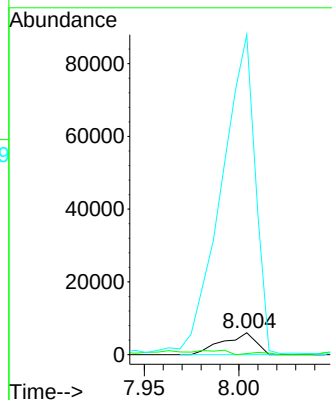
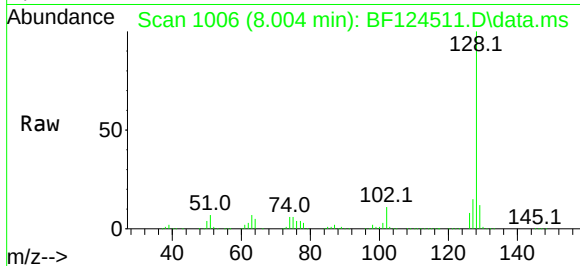




#32
Benzoic acid
Concen: 13.246 ng
RT: 8.004 min Scan# 1006
Delta R.T. 0.200 min
Lab File: BF124511.D
Acq: 1 Jul 2021 14:54

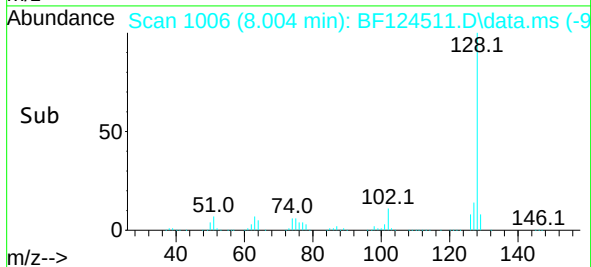
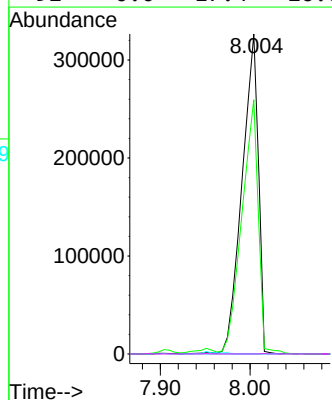
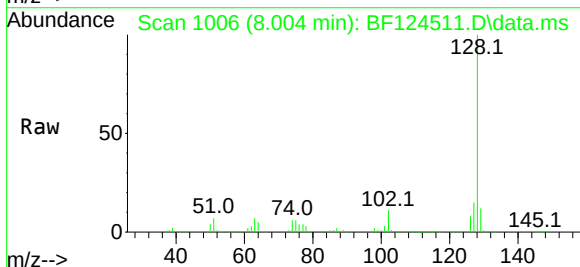
Instrument :
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MW-14DL

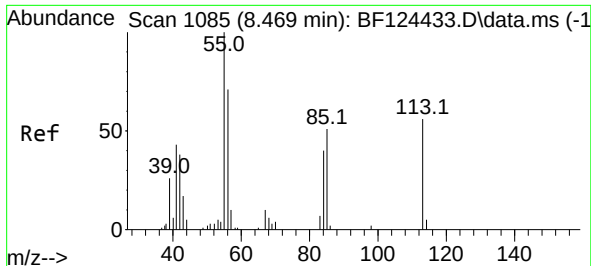
Tgt Ion:122 Resp: 7362
Ion Ratio Lower Upper
122 100
105 5.4 107.8 147.8#
77 1457.6 81.6 121.6#



#33
4-Chloroaniline
Concen: 165.152 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.041 min
Lab File: BF124511.D
Acq: 1 Jul 2021 14:54

Tgt Ion:127 Resp: 413485
Ion Ratio Lower Upper
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129 79.4 25.7 38.5#
65 0.0 34.5 51.7#
92 0.0 17.4 26.0#

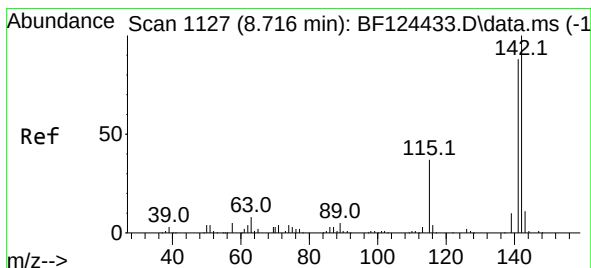
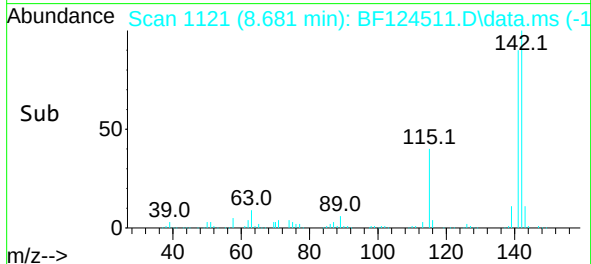
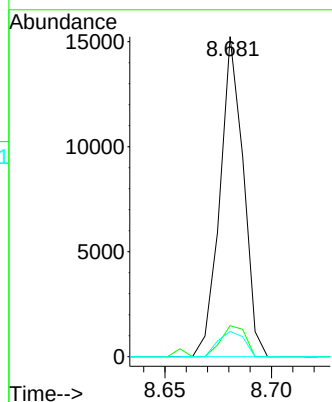
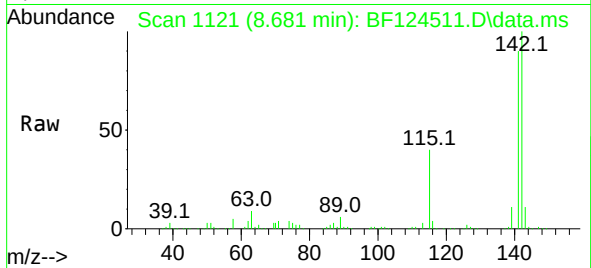




#35
Caprolactam
Concen: 21.091 ng
RT: 8.681 min Scan# 1121
Delta R.T. 0.241 min
Lab File: BF124511.D
Acq: 1 Jul 2021 14:54

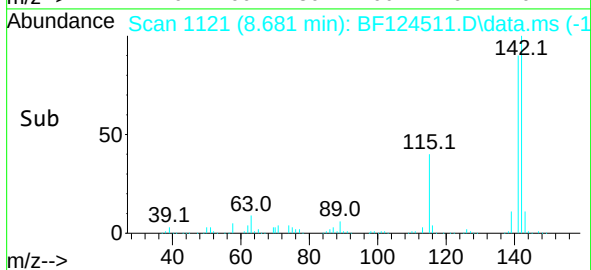
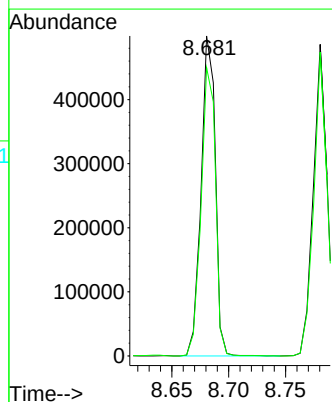
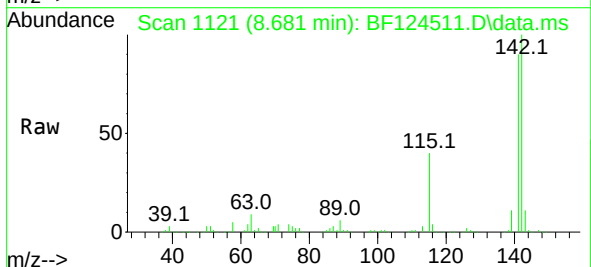
Instrument :
BNA_F
ClientSampleID :
MW-14DL

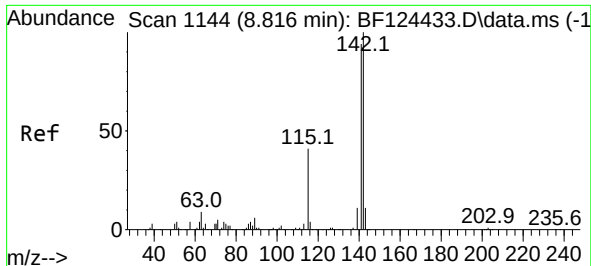
Tgt Ion:113 Resp: 11612
Ion Ratio Lower Upper
113 100
55 9.7 254.9 294.9#
56 7.9 179.4 219.4#



#37
2-Methylnaphthalene
Concen: 92.198 ng
RT: 8.681 min Scan# 1121
Delta R.T. 0.000 min
Lab File: BF124511.D
Acq: 1 Jul 2021 14:54

Tgt Ion:142 Resp: 434908
Ion Ratio Lower Upper
142 100
141 90.1 71.8 107.6

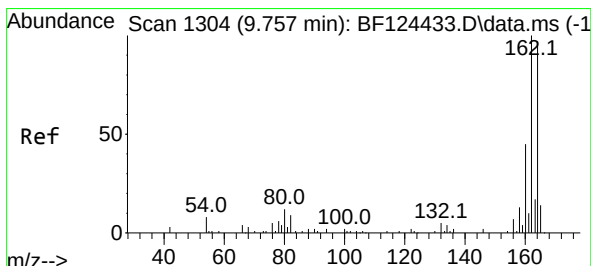
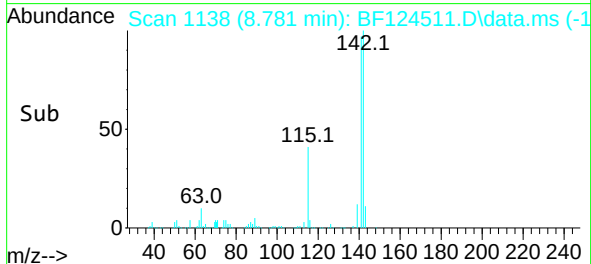
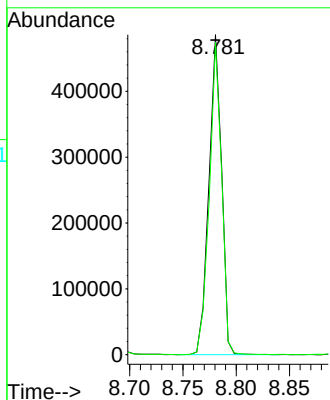
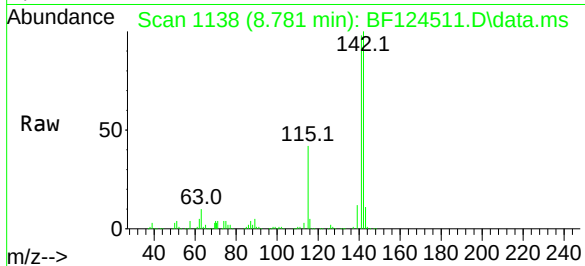




#38
1-Methylnaphthalene
Concen: 91.588 ng
RT: 8.781 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF124511.D
Acq: 1 Jul 2021 14:54

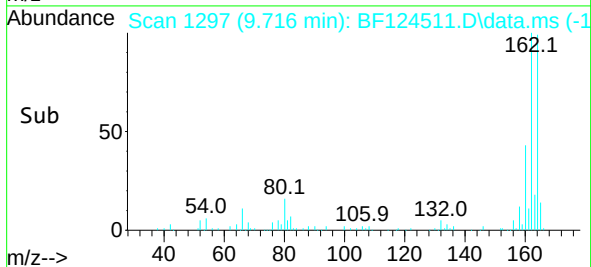
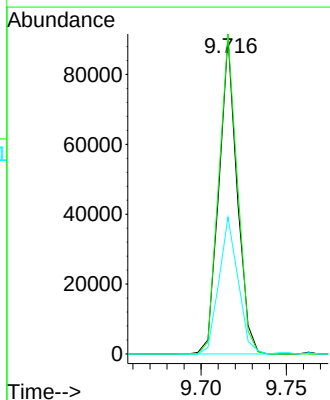
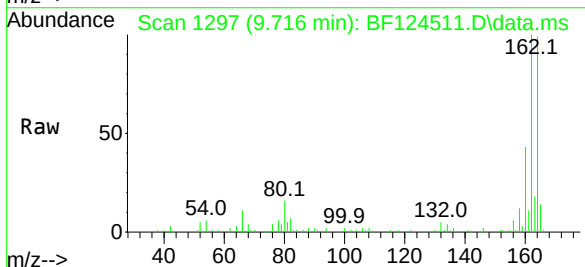
Instrument :
BNA_F
ClientSampleId :
MW-14DL

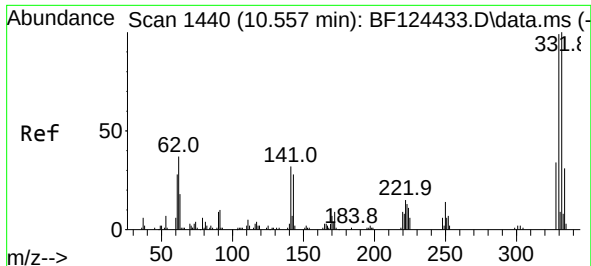
Tgt Ion:142 Resp: 401840
Ion Ratio Lower Upper
142 100
141 97.6 72.8 109.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.716 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF124511.D
Acq: 1 Jul 2021 14:54

Tgt Ion:164 Resp: 67231
Ion Ratio Lower Upper
164 100
162 100.8 80.7 121.1
160 43.1 37.3 55.9

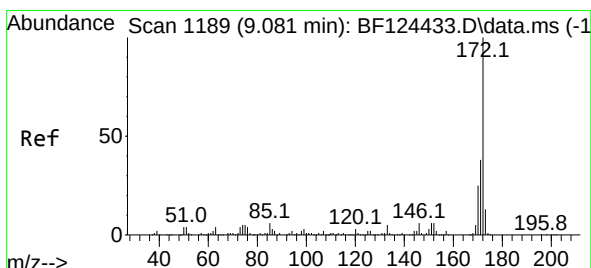
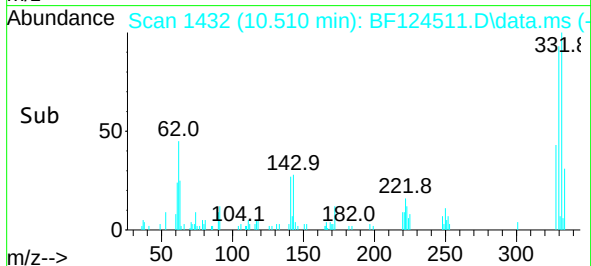
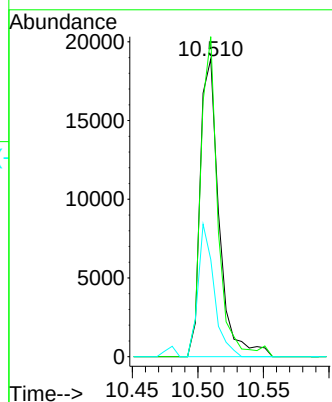
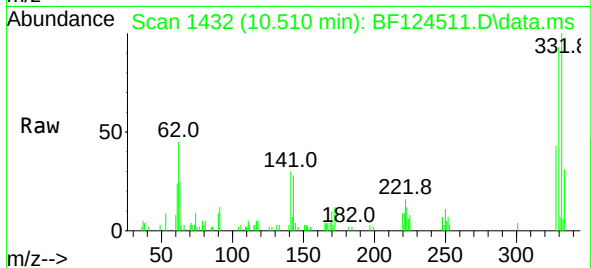




#42
2,4,6-Tribromophenol
Concen: 23.618 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF124511.D
Acq: 1 Jul 2021 14:54

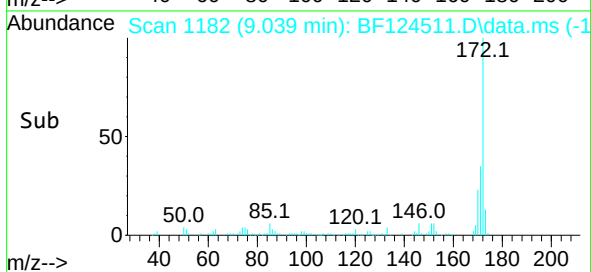
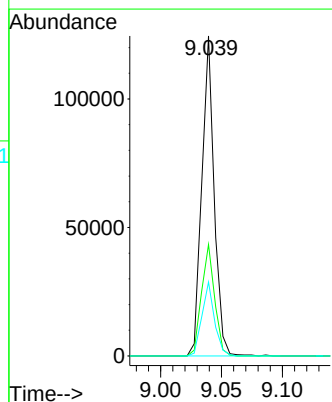
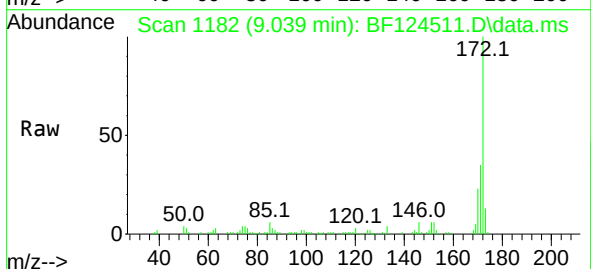
Instrument :
BNA_F
ClientSampleId :
MW-14DL

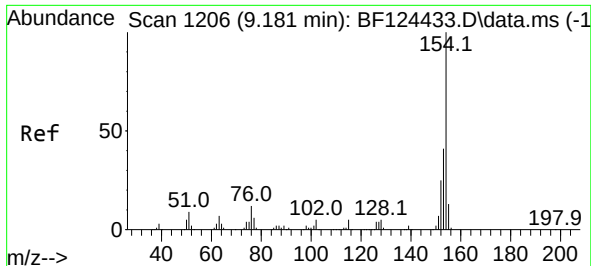
Tgt Ion: 330 Resp: 18971
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 39.5 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 16.117 ng
RT: 9.039 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF124511.D
Acq: 1 Jul 2021 14:54

Tgt Ion: 172 Resp: 88457
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.1 19.2 28.8

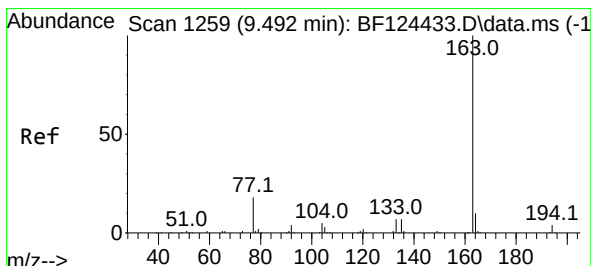
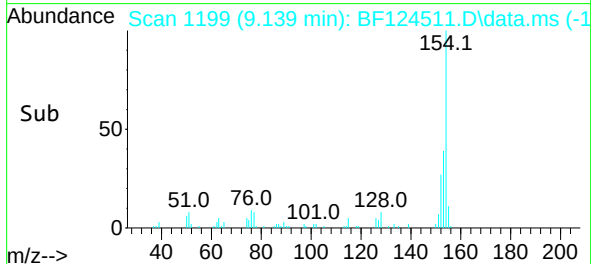
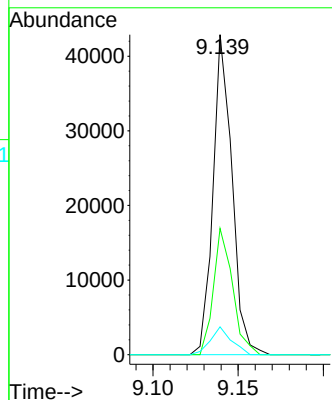
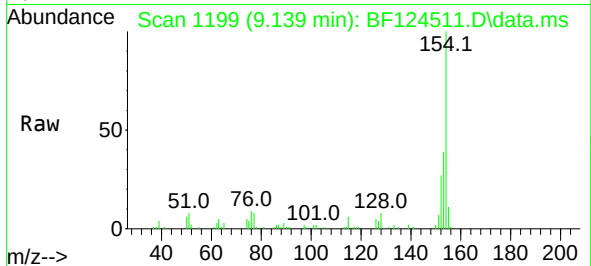




#46
1,1'-Biphenyl
Concen: 5.808 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF124511.D
Acq: 1 Jul 2021 14:54

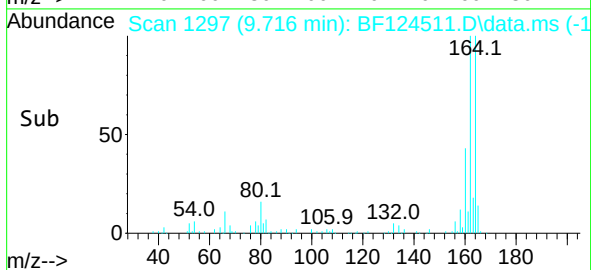
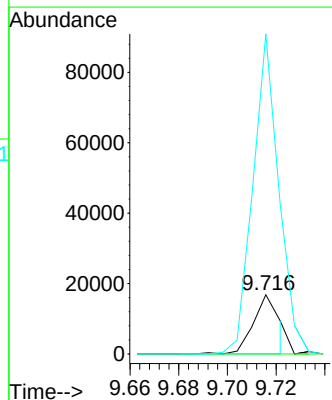
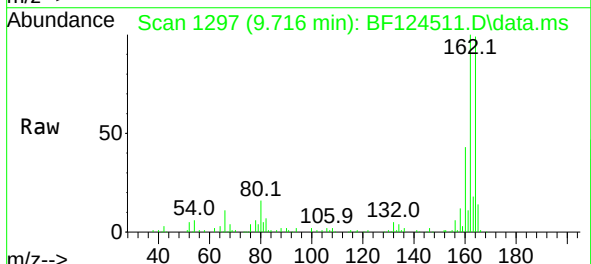
Instrument :
BNA_F
ClientSampleId :
MW-14DL

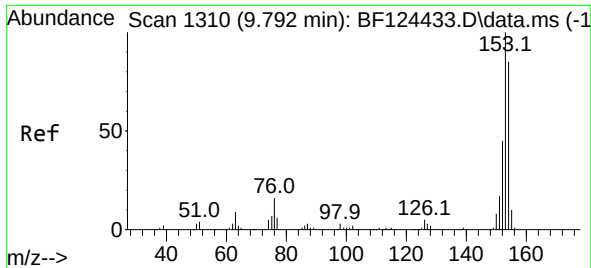
Tgt Ion:154 Resp: 33190
Ion Ratio Lower Upper
154 100
153 39.4 20.7 60.7
76 8.7 0.0 31.7



#50
Dimethylphthalate
Concen: 2.327 ng
RT: 9.716 min Scan# 1297
Delta R.T. 0.265 min
Lab File: BF124511.D
Acq: 1 Jul 2021 14:54

Tgt Ion:163 Resp: 12336
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 540.2 8.2 12.2#

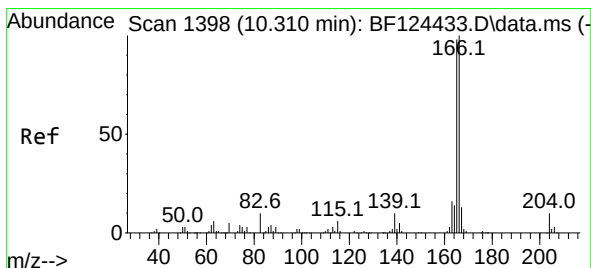
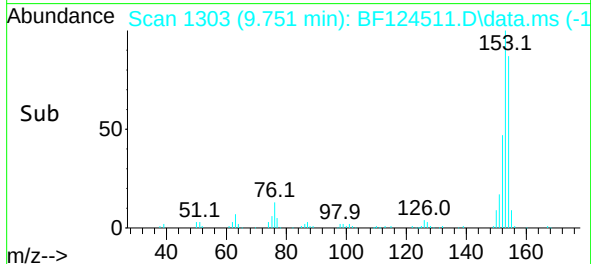
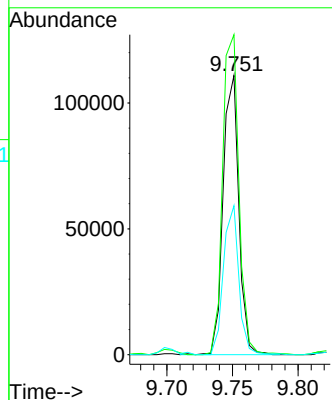
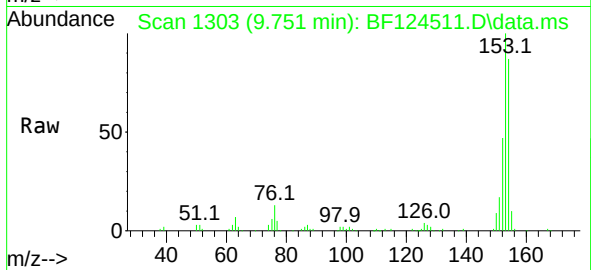




#52
Acenaphthene
Concen: 21.438 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BF124511.D
Acq: 1 Jul 2021 14:54

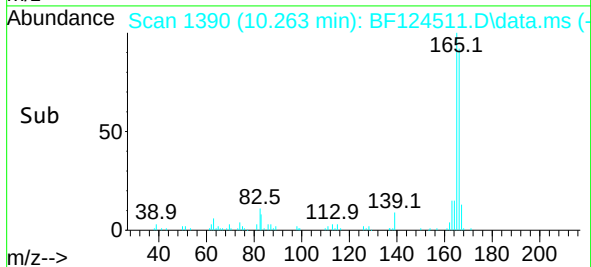
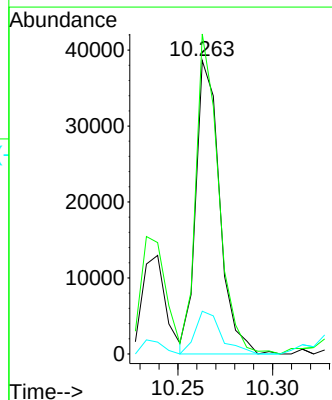
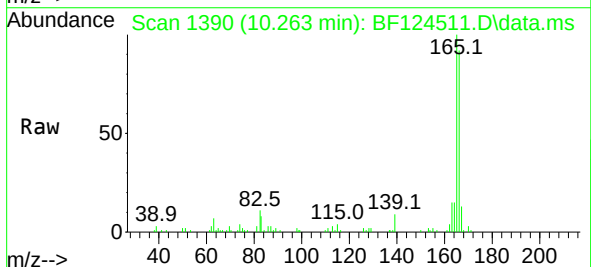
Instrument :
BNA_F
ClientSampleId :
MW-14DL

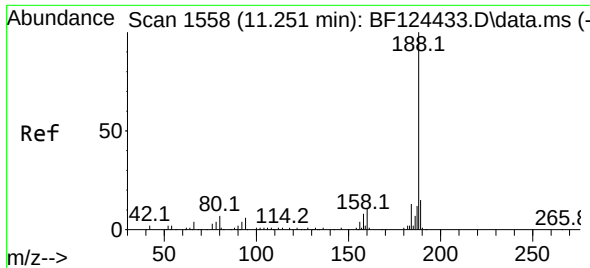
Tgt Ion:154 Resp: 91971
Ion Ratio Lower Upper
154 100
153 114.6 88.1 132.1
152 53.4 43.4 65.0



#58
Fluorene
Concen: 6.433 ng
RT: 10.263 min Scan# 1390
Delta R.T. -0.006 min
Lab File: BF124511.D
Acq: 1 Jul 2021 14:54

Tgt Ion:166 Resp: 33798
Ion Ratio Lower Upper
166 100
165 109.1 73.5 110.3
167 14.6 10.7 16.1

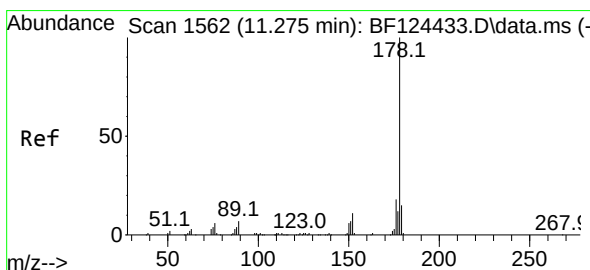
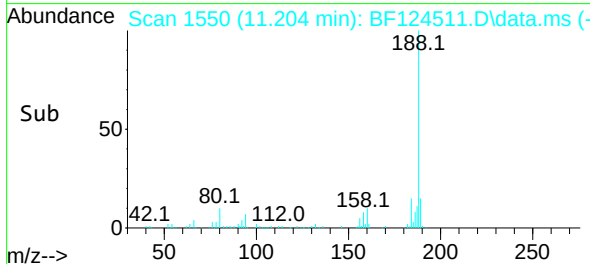
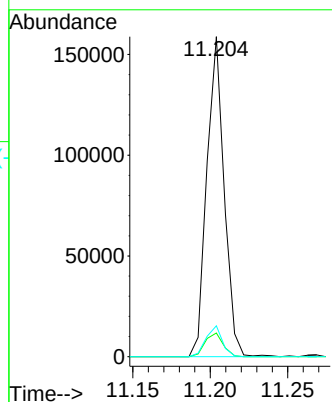
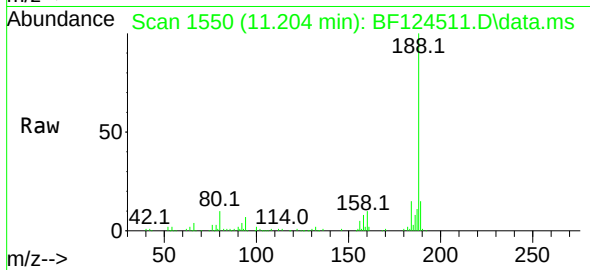




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BF124511.D
Acq: 1 Jul 2021 14:54

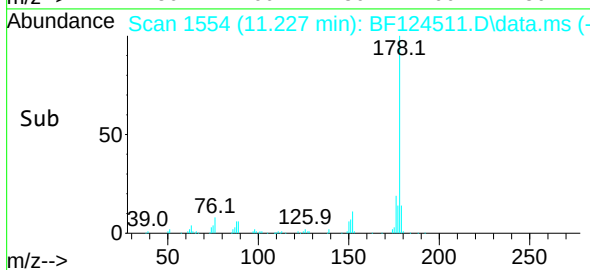
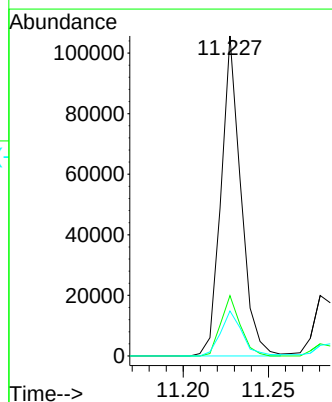
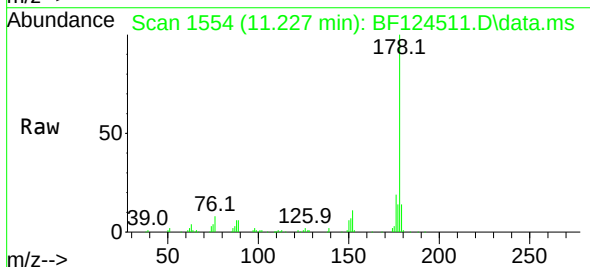
Instrument :
BNA_F
ClientSampleId :
MW-14DL

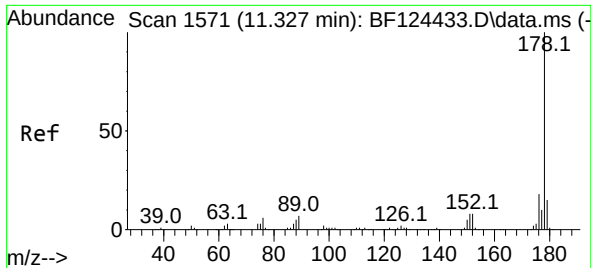
Tgt Ion:188 Resp: 123605
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 9.6 8.2 12.2



#71
Phenanthrene
Concen: 10.973 ng
RT: 11.227 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BF124511.D
Acq: 1 Jul 2021 14:54

Tgt Ion:178 Resp: 85497
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 14.0 12.5 18.7

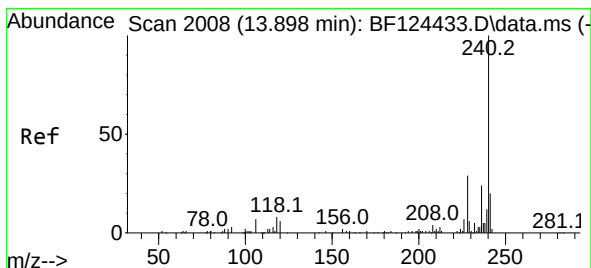
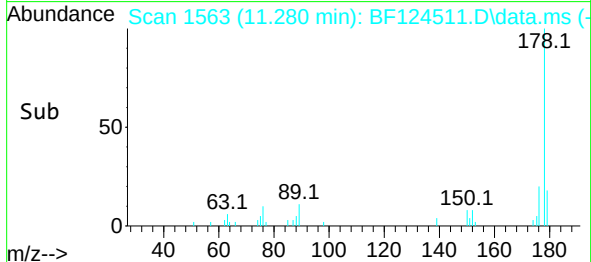
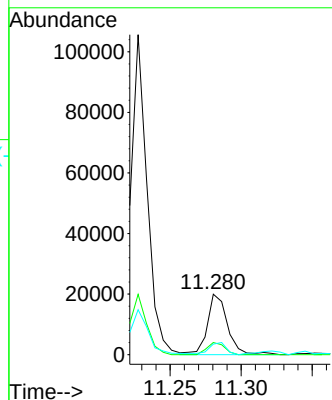
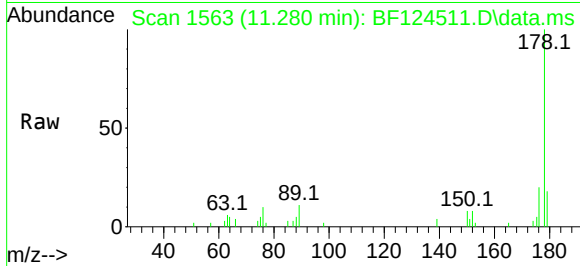




#72
 Anthracene
 Concen: 2.548 ng
 RT: 11.280 min Scan# 1563
 Delta R.T. -0.006 min
 Lab File: BF124511.D
 Acq: 1 Jul 2021 14:54

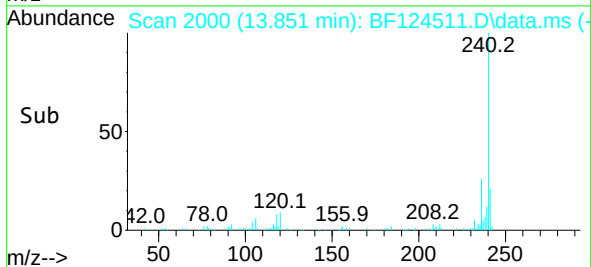
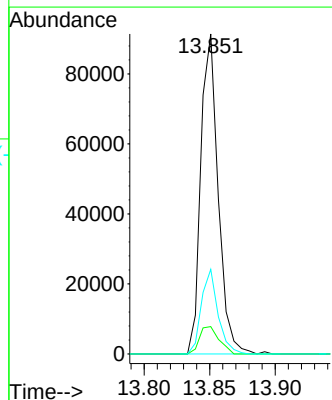
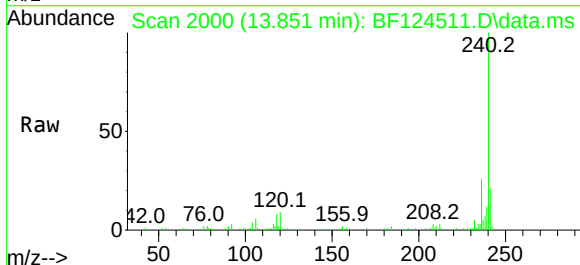
Instrument :
 BNA_F
 ClientSampleID :
 MW-14DL

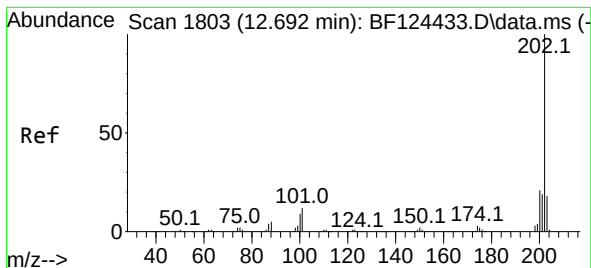
Tgt Ion:178 Resp: 19784
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.4 23.0
 179 17.6 12.6 18.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.851 min Scan# 2000
 Delta R.T. 0.000 min
 Lab File: BF124511.D
 Acq: 1 Jul 2021 14:54

Tgt Ion:240 Resp: 84522
 Ion Ratio Lower Upper
 240 100
 120 8.5 7.2 10.8
 236 26.5 19.0 28.4





#78

Pyrene

Concen: 2.290 ng

RT: 12.651 min Scan# 1796

Delta R.T. 0.000 min

Lab File: BF124511.D

Acq: 1 Jul 2021 14:54

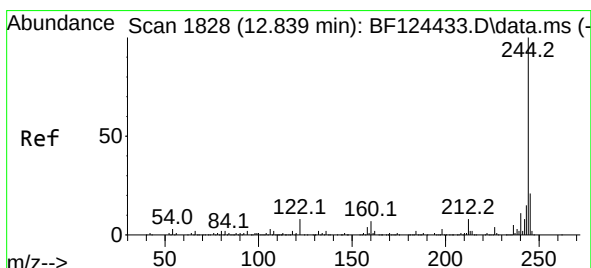
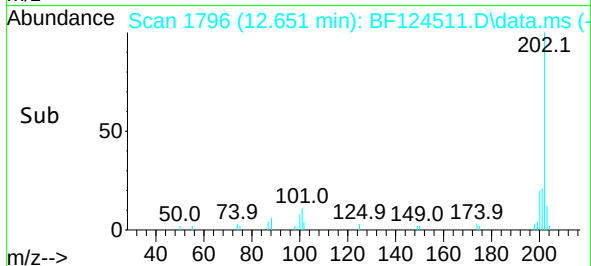
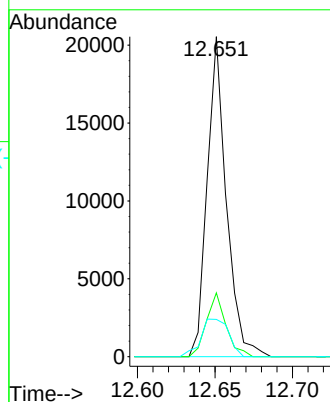
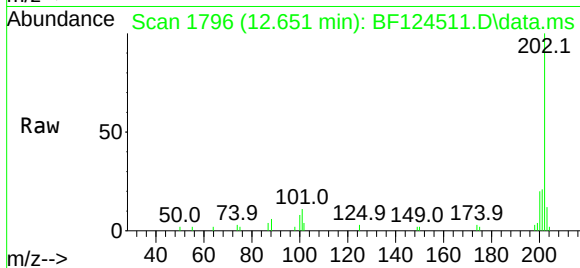
Instrument :

BNA_F

ClientSampleId :

MW-14DL

Tgt Ion:202	Resp:	17670
Ion Ratio	Lower	Upper
202	100	
200	19.9	16.1 24.1
203	11.7	14.8 22.2#



#79

Terphenyl-d14

Concen: 19.224 ng

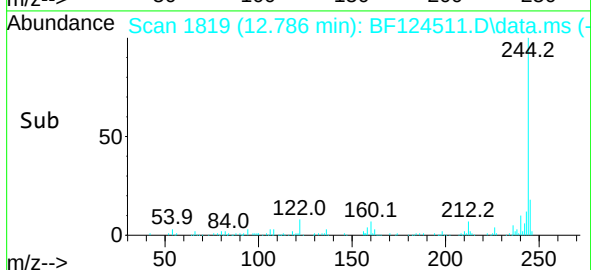
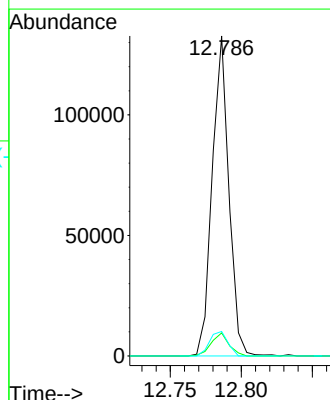
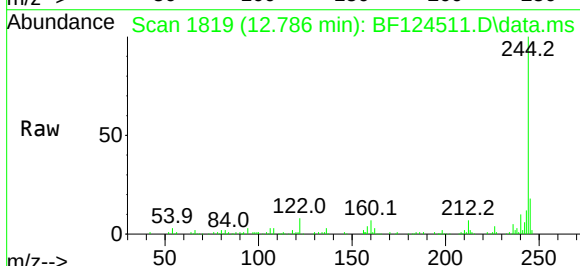
RT: 12.786 min Scan# 1819

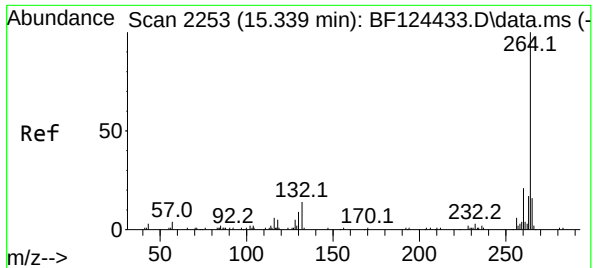
Delta R.T. -0.006 min

Lab File: BF124511.D

Acq: 1 Jul 2021 14:54

Tgt Ion:244	Resp:	108486
Ion Ratio	Lower	Upper
244	100	
212	7.2	5.7 8.5
122	7.7	9.7 14.5#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.274 min Scan# 2242
 Delta R.T. 0.000 min
 Lab File: BF124511.D
 Acq: 1 Jul 2021 14:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-14DL

Tgt Ion:264 Resp: 75595
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.7 28.1
 265 24.0 17.8 26.8

